SONY

DSC-H3/B

Cyber-shot® Digital Still Camera

Longer zoom in smaller size. The Sony® Cyber-shot® DSC-H3 is easy to carry for great shots virtually anywhere -- with 8.1 PM resolution, long-range 10X Optical zoom and Advanced Sports Mode to capture fast action. Also: Super SteadyShot® image stabilization, high sensitivity (ISO 3200), Face Detection, HD Output[1] and much more.

- 10X Zoom in a Sleek Compact Body
  Sony radically redesigned the positioning of key camera components to fit a powerful 10X Optical zoom capability into a compact design that's easy to carry anywhere. The grip fits firmly into your hand, the lens ring adds a high-performance feel -- and the top-mounted Wheel Dial lets you adjust shooting modes faster.
- High-Power Carl Zeiss® 10X Optical Zoom
  A superb lens for bringing long-distance subjects up close, the pro-quality Carl Zeiss® Vario-Tessar® lens design of the DSC-H3 provides 10X Optical zoom design -- with 20X Digital zoom to enlarge the center portion of the picture so you see even more detail.
- 8.1 MP Super HAD™ CCD
  More megapixels give you more detail and definition for editing, cropping, and making large digital prints. Sony's advanced Super HAD™ (Hole Accumulated Diode) CCD design allows more light to pass to each pixel, increasing sensitivity and reducing noise.
- Advanced Sports Mode
  To capture fast-moving subjects in split-second detail, the DSC-H3 combines high shutter speed (up to 1/2000 sec.) with Continuous AF and predictive focus control that tracks moving subjects and forecasts their position during the interval between shutter release and image capture -- a great way to catch the perfect moment in sports, children's games, pet tricks and more
- Face Detection
  Because the face makes the photo, Sony has created Face Detection technology that recognizes up to 8 faces in a photo and automatically controls focus, exposure, color and flash to bring out the best in everyone. Unlike some competitive systems, Sony Face Detection makes skin tones look more natural and reduces red-eye with pre-strobe flash.
- HD Output[1]
  With direct HD output[1] to spectacular Sony Bravia® and other compatible HDTV screens, you can view DSC-H3 still photos in high definition clarity and detail. Optional HD solutions include a Cyber-shot cradle/charger with component cable output and high-speed Photo Printers that make 4" x 6" prints in about 45 seconds. (Cradle/charger and printer sold separately)
- Powerful, Versatile Flash
  With flash powerful enough to illuminate subjects up to 23 feet away, the DSC-H3 opens up new opportunities for flash photography -- including dimly lit interiors and outdoor shots at twilight. Auto Daylight Synchro provides effective fill-in flash illumination for backlit subjects -- and Macro Flash lets you take ultra-close-up shots with optimal exposure and minimal "whiteout" effect.
- Super SteadyShot® Optical Image Stabilization
  Other image stabilization systems crop in to compensate for "camera shake" -- but with the Super SteadyShot® system, optical sensors detect camera movement and send correcting signals to a stabilization lens that allows even ultra-long-distance digital photos to capture more detail with less camera shake distortion.
- High Sensitivity Mode
  With Super SteadyShot® image stabilization to minimize blur, High Sensitivity Mode (ISO 3200) lets the DSC-H3 shoot effectively in low light without flash to preserve the mood -- and Sony's original Clear RAW™ NR (Noise Reduction) image processing technology helps suppress the color noise that can accompany high-sensitivity shooting.
- HD Slide Show with Music
  It's the high-definition viewing experience that makes photos come alive on compatible HDTV screens, accompanied by your choice of visual effects and any of four preset musical selections stored in memory or your favorite MP3 tunes downloaded from PC to your camera for use as background music [7].
- 9-Point Auto Focus
  Because an off-center subject can make your shot more interesting, the DSC-H3 can measure auto-focus precision at 9 points on your screen -- giving you greater creative freedom to compose your image.
- D-Range Optimization
  Powered by the exclusive Sony Bionz™ high-speed processing engine, D-Range Optimization preserves image data in bright highlights and reveals more detail in shadows or backlit areas -- for great results even in difficult lighting conditions.
- In-Camera Retouching
  The DSC-H3 lets you add creative effects to photos after you shoot -- including soft edge filter to soften backgrounds, cross filter to place starry "dazzles" at highlight points, partial color filter to mute surrounding colors, even fish-eye filter to create interesting fish-eye lens effects.
- In-Camera Red-Eye Reduction
  Irritating "glowing eyes" can ruin even the most creative photos -- so the DSC-H3 gives you in-camera correction at the touch of a button to reduce lingering red-eye effect that other systems might miss.
- 2.5"[2] LCD Screen, Simple Controls
  The DSC-H3 provides a large, bright LCD screen -- plus simple camera menus, a Home button for quick access to necessary functions, and a simple Function Guide that displays menu information to make it easier for beginners to learn camera features.

ADDITIONAL FEATURES

- Wheel Dial for Manual Exposure Modes
- 31 MB Internal Memory
- Up to 51X Smart Zoom® Feature[5]
- MPEG Movie VX Fine Mode
- Stamina® Battery Power

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Specifications

General

Megapixel: 8.1 MP
Imaging Device: 1/2.5" Super HAD™ CCD
Recording Media: Optional Memory Stick™ DUO Media, optional Memory Stick PRO DUO™ Media, optional Memory Stick PRO DUO™ (High Speed), optional Memory Stick PRO HG DUO™

Convenience

White Balance: Automatic, Cloudy, Daylight, Fluorescent 1, Fluorescent 2, Fluorescent 3, Incandescent, Flash
Self Timer: Yes (10 seconds, 2 seconds, Off)
Memory Stick PRO™ Media Compatibility: Tested to support up to 8GB Memory Stick PRO DUO™ media capacity[8]; does not support Access Control security function.
Still Image Mode(s): Burst, Normal JPEG (Fine/Fine A4), Bracket Exposure
Red-Eye Reduction: Yes
Burst Mode: Yes
Erase/Protect: Yes/Yes
Date/Time Stamp: No/ No
Media/Battery Indicator: Yes/Yes
Color Mode(s): Black & White, Natural, Sepia, Vivid

Convenience Features

AF Illuminator Light: Yes
PictBridge Compatible: Yes
Multi-Pattern Measuring: Yes
SteadyShot® Image Stabilization: Yes
Scene Mode(s): Advanced Sports Shooting, Beach, Fireworks, High Sensitivity, Landscape, Snow, Soft Snap, Twilight, Twilight Portrait
Movie Mode(s): MPEG VX Fine with Audio (640x480 at 30fps) (MPEG VX Fine requires Memory Stick PRO DUO™ media), MPEG VX Standard with Audio (640x480 at 16.6fps), Presentation Mode (320x240 at 8.3fps).
Power Save Mode: Yes (after approx. 3 min. of inactivity)
In-Camera Editing: Red-eye correction, soft focus filter, trimming, cross filter, partial color filter, fish-eye filter

Inputs and Outputs

Accessory Terminal: N/A
Audio/Video Output(s): No
USB Port(s): Yes (Supports USB 2.0[5])
HD Output: Yes - 1080i (with optional accessory)

Hardware

LCD: 2.5"[2] (115K Pixels TFT LCD Screen)
Viewfinder: N/A
Lens Construction: 10 Elements in 9 Groups, including 1 Aspheric Element
Microphone/Speaker: Yes/ Yes
Lens Type: Carl Zeiss® Vario-Tessar®
Docking Station: N/A

Operating Conditions

Flash Mode(s): Auto, Forced On, Forced Off, Slow Synch

Optics/Lens

Focal Length: 6.3 - 63 mm
35mm Equivalent: 38 - 380 mm
Focus: 9 Area Multi-Point AF, Monitoring AF
Aperture Range: Auto, (f3.5-f10.0)
Shutter Speed: Auto(1/2000 - 1/4) / Program auto(1/2000 - 1) / Manual (1/2000 - 30)
Exposure Compensation: ±2.0 EV, 1/3 EV Step Increments
ISO: Auto, 100, 200, 400, 800, 1600, 3200
Smart Zoom® Technology: Up to 12X (5MP), 15X (3MP), 17X (16:9 2MP) 51X (VGA Resolution)[4]
Digital Zoom: 0-2.0X (Precision)
Optical Zoom: 10X
Macro Mode: Yes
Total Zoom: 20X
Face Detection: Yes

Power

Battery Type: Lithium-Ion NP-BG1
Battery Capacity: 3.6V, 960 mAh

Software

Supplied Software: Windows: Picture Motion Browser Vers 2.1 + USB Driver
Operating System Compatibility: Microsoft® 2000 Professional, Me, XP Home and Professional, Vista; Macintosh® OS 9.1/9.2/OS X (10.1-10.4)

Dimensions

Weight: 9.3 oz (264 g) Body; 13.4 oz. (380 g) including Battery and optional Memory Stick™ DUO Media
Measurements: 4 3/16" x 2 11/16" x 1 7/8" (106 x 68.5 x 47.5 mm)

Service and Warranty Information

Limited Warranty Term: 1 Year Parts & Labor

Supplied Accessories

Rechargeable Battery - NP-BG1
Battery Charger - BC-CSG/CSGB/CSGC
Multi Connector Cable - USB, AV
Power Cord
Shoulder strap
Lens Cap
Lens Cap Strap
Lens Hood
Lens Adaptor Ring
CD-ROM Software
Note: No Memory Stick® DUO media or adaptors are included.

Optional Accessories

Rechargeable Lithium-Ion Battery (NP-BG1)
Battery Charger (BC-TRG)
AC Power Adaptor (AC-LS5K)
Wide-Angle Conversion Lens (VCL-DH0758)
Multi Connector Cable (USB, AV)
GPS Unit Kit (GPS-CS1KA)
Memory Stick PRO DUO™ Media(MSX-512S)
Memory Stick PRO DUO™ Media(MSX-1GST)
Memory Stick PRO DUO™ Media(MSX-2GS)
Memory Stick PRO DUO™ Media(MSX-M4GS)
Memory Stick PRO DUO™ Media(MSX-M8GS)

Color: Black
UPC Code: 027242713390

1 : HD Output requires a Sony® HD connector cable (sold separately).
2 : Viewable area, measured diagonally
3 : Actual results may vary based on product settings, usage patterns, battery and environmental conditions.
4 : Smart Zoom® feature will not work at highest resolution setting.
5 : Not all products with USB 2.0 connectors may communicate with each other.
6 : Shooting at high frame rate of up to 30 frames per second requires Memory Stick PRO Duo™ media.
7 : Maximum playback length of each music file is 180 seconds.
8 : A portion of the memory is used for data management functions.

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